

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: June 24, 1999, 00:23:03 ; Search time 47.48 Seconds
(without alignments)
17.378 Million cell updates/sec

Title: US-09-205-015-1

Perfect score: 9

Sequence: 1 tctgagta 9

Scoring table: IDENTITY_NUC

Searched: 176461 seqs, 45838279 residues

Database : Issued_Patents_NA.*

- 1: /cgn2_6/ptodata/1/ina/5A_COMB.seq.*
- 2: /cgn2_6/ptodata/1/ina/5B_COMB.seq.*
- 3: /cgn2_6/ptodata/1/ina/5C_COMB.seq.*
- 4: /cgn2_6/ptodata/1/ina/5D_COMB.seq.*
- 5: /cgn2_6/ptodata/1/ina/PTUS9_COMB.seq.*
- 6: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	9	100.0	3360	1	US-07-712-833A-1
C 2	9	100.0	3505	1	Sequence 1, Appl
C 3	9	100.0	4673	1	Sequence 1, Appl
C 4	9	100.0	329	1	Sequence 1, Appl
C 5	9	100.0	4608	1	Sequence 1, Appl
C 6	9	100.0	7620	1	Sequence 11, Appl
C 7	9	100.0	329	1	Sequence 1, Appl
C 8	9	100.0	7620	1	Sequence 1, Appl
C 9	9	100.0	43	1	Sequence 1, Appl
C 10	9	100.0	2015	1	Sequence 9, Appl
C 11	9	100.0	4157	1	Sequence 1, Appl
C 12	9	100.0	1423	1	Sequence 9, Appl
C 13	9	100.0	1317	1	Sequence 1, Appl
C 14	9	100.0	1317	1	Sequence 1, Appl
C 15	9	100.0	2291	1	Sequence 1, Appl
C 16	9	100.0	4821	1	Sequence 5, Appl
C 17	9	100.0	7125	1	Sequence 3, Appl
C 18	9	100.0	1423	1	Sequence 1, Appl
C 19	9	100.0	1679	1	Sequence 6, Appl
C 20	9	100.0	8252	1	Sequence 15, Appl
C 21	9	100.0	43	1	Sequence 9, Appl
C 22	9	100.0	2385	1	Sequence 1, Appl
C 23	9	100.0	4405	1	Sequence 3, Appl
C 24	9	100.0	1759	1	Sequence 279, App
C 25	9	100.0	5095	1	Sequence 3, Appl
C 26	9	100.0	46	1	Sequence 6, Appl
C 27	9	100.0	42	1	Sequence 7, Appl
C 28	9	100.0	378	1	Sequence 95, Appl
C 29	9	100.0	408	1	Sequence 104, App
C 30	9	100.0	414	1	Sequence 120, App
C 31	9	100.0	414	1	Sequence 121, App
C 32	9	100.0	4027	1	Sequence 3, Appl
C 33	9	100.0	4027	1	Sequence 4, Appl
C 34	9	100.0	1200	1	Sequence 3, Appl
C 35	9	100.0	636	1	Sequence 1, Appl
C 36	9	100.0	1317	1	Sequence 2, Appl
C 37	9	100.0	133	1	Sequence 2, Appl

ALIGNMENTS

RESULT 1

US-07-712-833A-1/c

; Sequence 1, Application US/07712833A

; Patent No. 5175101

; GENERAL INFORMATION:

; APPLICANT: GOTZ, Friedrich

; APPLICANT: SEEBER, Stefan

; TITLE OF INVENTION: RECOMBINANT RESTRICTION ENZYME SAU3AI

; NUMBER OF SEQUENCES: 5

; CORRESPONDENCE ADDRESS:

; ADDRESSES: Armstrong, Nikaido, Marmelstein, Kubovcik &

; ADDRESSEE: Murray

; STREET: 1725 K Street N.W., Suite 1000

; CITY: Washington D.C.

; COUNTRY: United States of America

; ZIP: 20006

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/07/712.833A

; FILING DATE: 19910610

; CLASSIFICATION: 530

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: DE P 4018441.2

; FILING DATE: 08-JUN-1990

; ATTORNEY/AGENT INFORMATION:

; NAME: Murray, Robert B.

; REGISTRATION NUMBER: 22,980

; REFERENCE/DOCKET NUMBER: 910808

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 659-2930

; TELEFAX: (202) 887-0357

; TELEX: 440142

; INFORMATION FOR SEQ ID NO: 1:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 3360 base pairs

; TYPE: NUCLEIC ACID

; STRANDEDNESS: double

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; FEATURE:

; NAME/KEY: CDS

; LOCATION: 448..1914

; OTHER INFORMATION: /function= "Cleaves in front of G

; OTHER INFORMATION: residue of palindrome sequence"

; OTHER INFORMATION: /product= "Sau3AI restriction endonuclease"

; FEATURE:

; NAME/KEY: CDS

; LOCATION: 2017..3252

; OTHER INFORMATION: /function= "Modifies C residues to

; OTHER INFORMATION: protect DNA from cleavage"

; OTHER INFORMATION: /product= "Sau3AI methyl transferase"

; US-07-712-833A-1

Query Match 100.0%; Score 9; DB 1; Length 3360;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;

Sequence 11, Appl
Sequence 12, Appl
Sequence 12, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 15, Appl
Sequence 15, Appl
Sequence 24, Appl
Sequence 22, Appl

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 tctgagtca 9

Db 1832 TCTGAGTCA 1824

RESULT 2

US-07-660-465-1/c
; Sequence 1, Application US/07660465
; Patent No. 5176997
; GENERAL INFORMATION:
; APPLICANT: Humphreys-Beher, Michael G.
; TITLE OF INVENTION: DNA Probe for Male Infertility
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: USA
; ZIP: 32606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/660,465
FILING DATE: 19910222
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/371,472

ATTORNEY/AGENT INFORMATION:
NAME: Saliwanchik, David R.
REGISTRATION NUMBER: 31,794
REFERENCE/DOCKET NUMBER: UF/S&S-104.C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (904) 375-8100
TELEFAX: (904) 372-5800

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3505 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

US-07-660-465-1

Query Match 100.0%; Score 9; DB 1; Length 3505;

Best Local Similarity 100.0%; Pred. No. 4.3e+02;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 tctgagtca 9

Db 883 TCTGAGTCA 875

RESULT 3

US-07-638-431-1/c
; Sequence 1, Application US/07638431
; Patent No. 5198535
; GENERAL INFORMATION:
; APPLICANT: Hoffman, Stephen L.
; APPLICANT: Charoenvit, Yupin
; APPLICANT: Hedstrom, Richard
; APPLICANT: Khumsmith, Srisin
; APPLICANT: Rogers IV, William O.
; TITLE OF INVENTION: Protective malaria sporozoite surface protein
; NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

ADDRESSEE: A. David Spevack
STREET: NMDC Building 1 T-12 National Naval
STREET: Medical Center
CITY: Bethesda
STATE: MD
COUNTRY: USA
ZIP: 20814-5044

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/638,431
FILING DATE: 19910110
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Spevack, Avrom D.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 295-6759
TELEFAX: (301) 295-4033

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 4673 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: N
ANTI-SENSE: N
ORIGINAL SOURCE:
ORGANISM: Plasmodium yoelii
STRAIN: 17X(NL)
DEVELOPMENTAL STAGE: erythrocytic stage
TISSUE TYPE: Blood
CELL TYPE: erythrocytic stage

IMMEDIATE SOURCE:
LIBRARY: Py-lambda gt11-2-7 kb genomic expression
CLONE: Py10.1111
FEATURE:
NAME/KEY: CDS
LOCATION: 718..3195
OTHER INFORMATION:
US-07-638-431-1

Query Match 100.0%; Score 9; DB 1; Length 4673;

Best Local Similarity 100.0%; Pred. No. 4.4e+02;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 tctgagtca 9

Db 2732 TCTGAGTCA 2724

RESULT 4

US-08-510-039-1

; Sequence 1, Application US/08510039

; Patent No. RE35585

; GENERAL INFORMATION:

; APPLICANT: Fernandez-Pol, Jose A.
; TITLE OF INVENTION: DNA Vector With Isolated cDNA Gene
; TITLE OF INVENTION: Encoding Metalloprotein
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Haverstock, Garrett & Roberts
; STREET: 611 Olive, Suite 1610
; CITY: St. Louis
; STATE: Missouri
; COUNTRY: USA
; ZIP: 63122

COMPUTER READABLE FORM:

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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/510,039
; FILING DATE: 01-AUG-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/748,510
; FILING DATE: 22-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kelly, Patrick D.
; REGISTRATION NUMBER: 30,650
; REFERENCE/DOCKET NUMBER: PDK-PC-466
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 314-968-0986
; TELEFAX: 314-241-3317
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 329 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: Human female carcinoma tumor cells
; INDIVIDUAL ISOLATE: STH2
; TISSUE TYPE: Carcinoma
; CELL TYPE: Human
; CELL LINE: MDA-468
; IMMEDIATE SOURCE:
; CLONE: STH2
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 21..275
; IDENTIFICATION METHOD: experimental
; OTHER INFORMATION: /function= "Zinc finger protein,
; OTHER INFORMATION: transcription activation"
; OTHER INFORMATION: /product= "Metallopanstimulin-1"
; OTHER INFORMATION: /evidence= EXPERIMENTAL
; OTHER INFORMATION: /standard_name= "MPS-1"
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US-08-510-039-1

Query Match 100.0%; Score 9; DB 1; Length 329;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 tctgagtca 9
Db 282 TCTGAGTCA 290
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RESULT 5
US-07-718-575-11/c
; Sequence 11, Application US/07718575
; Patent No. 5202257
; GENERAL INFORMATION:
; APPLICANT: Heinemann Ph.D., Stephen F.
; APPLICANT: Boulter Ph.D., James R.
; APPLICANT: Hollmann Ph.D., Michael NMN
; APPLICANT: Bettler Ph.D., Bernhard NMN
; APPLICANT: Jensen Ph.D., Jan E.
; TITLE OF INVENTION: GLUTAMATE RECEPTOR COMPOSITIONS AND
; TITLE OF INVENTION: METHODS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 So. Flower St., Suite 2000

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; CITY: Los Angeles
; STATE: California
; COUNTRY: United States
; ZIP: 90071-2921
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/718,575
; FILING DATE: 19910813
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter Ph.D., Stephen E.
; REGISTRATION NUMBER: 31192
; REFERENCE/DOCKET NUMBER: P31 8962
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; TELEX: 9103330318
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4608 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: GluR6
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 307..2961
;
US-07-718-575-11

Query Match 100.0%; Score 9; DB 1; Length 4608;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 tctgagtca 9
Db 2105 TCTGAGTCA 2097
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RESULT 6
US-07-767-135-1/c
; Sequence 1, Application US/07767135
; Patent No. 5234811
; GENERAL INFORMATION:
; APPLICANT: Beutler, Ernest
; APPLICANT: Sorge, Joseph A
; TITLE OF INVENTION: An Assay for a New Gaucher Disease
; TITLE OF INVENTION: Mutation
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute, Office of
; ADDRESSEE: Patent Counsel
; STREET: 3366 No. 5234811th Torrey Pines Court, Suite 240
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/767,135
; FILING DATE: 19910927
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

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APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Bingham, Douglas A
REGISTRATION NUMBER: 32,457
REFERENCE/DOCKET NUMBER: SCRO422P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 7620 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FEATURE:
NAME/KEY: exon
LOCATION: 356..611
OTHER INFORMATION: /product= "Exon 1"
FEATURE:
NAME/KEY: intron
LOCATION: 612..979
OTHER INFORMATION: /function= "Intron 1"
FEATURE:
NAME/KEY: exon
LOCATION: 980..1067
OTHER INFORMATION: /product= "Exon 2"
FEATURE:
NAME/KEY: intron
LOCATION: 1068..1619
OTHER INFORMATION: /function= "Intron 2"
FEATURE:
NAME/KEY: exon
LOCATION: 1620..1811
OTHER INFORMATION: /product= "Exon 3"
FEATURE:
NAME/KEY: intron
LOCATION: 1812..1934
OTHER INFORMATION: /function= "Intron 3"
FEATURE:
NAME/KEY: exon
LOCATION: 1935..2081
OTHER INFORMATION: /product= "Exon 4"
FEATURE:
NAME/KEY: intron
LOCATION: 2082..3046
OTHER INFORMATION: /function= "Intron 4"
FEATURE:
NAME/KEY: exon
LOCATION: 3047..3180
OTHER INFORMATION: /product= "Exon 5"
FEATURE:
NAME/KEY: intron
LOCATION: 3181..3390
OTHER INFORMATION: /function= "Intron 5"
FEATURE:
NAME/KEY: exon
LOCATION: 3391..3563
OTHER INFORMATION: /product= "Exon 6"
FEATURE:
NAME/KEY: intron
LOCATION: 3564..4116
OTHER INFORMATION: /function= "Intron 6"
FEATURE:
NAME/KEY: exon
LOCATION: 4117..4354
OTHER INFORMATION: /product= "Exon 7"
FEATURE:
NAME/KEY: intron
LOCATION: 4355..5227

OTHER INFORMATION: /function= "Intron 7"
FEATURE:
NAME/KEY: exon
LOCATION: 5228..5452
OTHER INFORMATION: /product= "Exon 8"
FEATURE:
NAME/KEY: intron
LOCATION: 5453..5852
OTHER INFORMATION: /function= "Intron 8"
FEATURE:
NAME/KEY: exon
LOCATION: 5853..6016
OTHER INFORMATION: /product= "Exon 9"
FEATURE:
NAME/KEY: intron
LOCATION: 6017..6385
OTHER INFORMATION: /function= "Intron 9"
FEATURE:
NAME/KEY: exon
LOCATION: 6386..6502
OTHER INFORMATION: /product= "Exon 10"
FEATURE:
NAME/KEY: intron
LOCATION: 6503..6596
OTHER INFORMATION: /function= "Intron 10"
FEATURE:
NAME/KEY: exon
LOCATION: 6597..7245
OTHER INFORMATION: /function= "Exon 11"
US-07-767-135-1

Query Match 100.0% Score 9; DB 1; Length 7620;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 tctgagatca 9
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Db 2960 TCTGAGTCA 2952

RESULT 7
US-07-748-510-1
Sequence 1, Application US/07748510
Patent No. 5243041
GENERAL INFORMATION:
APPLICANT: Fernandez-Pol, Jose A.
TITLE OF INVENTION: DNA Vector With Isolated cDNA Gene
TITLE OF INVENTION: Encoding Metalloprotein
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Haverstock, Garrett & Roberts
STREET: 611 Olive, Suite 1610
CITY: St. Louis
STATE: Missouri
COUNTRY: USA
ZIP: 63122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/748,510
FILING DATE: 19910822
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kelly, Patrick D.
REGISTRATION NUMBER: 30,650
REFERENCE/DOCKET NUMBER: PDK-PC-466
TELECOMMUNICATION INFORMATION:
TELEPHONE: 314-968-0986
TELEFAX: 314-241-3317

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; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 329 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: Human female carcinoma tumor cells
; INDIVIDUAL ISOLATE: ST1H2
; TISSUE TYPE: Carcinoma
; CELL TYPE: Human
; CELL LINE: MDA-468
; IMMEDIATE SOURCE:
; CLONE: ST1H2
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 21..275
; IDENTIFICATION METHOD: experimental
; OTHER INFORMATION: /function= "zinc finger protein,
; OTHER INFORMATION: transcription activation"
; OTHER INFORMATION: /product= "Metalloprotein-1"
; OTHER INFORMATION: /evidence= EXPERIMENTAL
; OTHER INFORMATION: /standard_name= "MPS-1"
; US-07-748-510-1

Query Match 100.0%; Score 9; DB 1; Length 329;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 tctgagtcga 9
Db 282 TCTGAGTCA 290

RESULT 8
US-07-841-652-1/c
; Sequence 1, Application US/07841652
; Patent No. 5266459
; GENERAL INFORMATION:
; APPLICANT: Beutler, Ernest
; TITLE OF INVENTION: GAUCHER'S DISEASE: DETECTION OF A NEW
; TITLE OF INVENTION: MUTATION IN INTRON 2 OF THE GLUCOCEREBROSIDASE GENE
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute, Office of
; ADDRESSEE: Patent Counsel
; STREET: 10666 No. 5266459th Torrey Pines Road, TPC 8
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/841.652
; FILING DATE: 19920224
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Bingham, Douglas A
; REGISTRATION NUMBER: 32,457
; REFERENCE/DOCKET NUMBER: SCR0670P
; TELECOMMUNICATION INFORMATION:
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; TELEPHONE: 619-554-2937
; TELEFAX: 619-554-6312
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7620 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: exon
; LOCATION: 356..611
; OTHER INFORMATION: /product= "Exon 1"
; FEATURE:
; NAME/KEY: intron
; LOCATION: 612..979
; OTHER INFORMATION: /function= "Intron 1"
; FEATURE:
; NAME/KEY: exon
; LOCATION: 980..1067
; OTHER INFORMATION: /product= "Exon 2"
; FEATURE:
; NAME/KEY: intron
; LOCATION: 1068..1619
; OTHER INFORMATION: /function= "Intron 2"
; FEATURE:
; NAME/KEY: exon
; LOCATION: 1620..1811
; OTHER INFORMATION: /product= "Exon 3"
; FEATURE:
; NAME/KEY: intron
; LOCATION: 1812..1934
; OTHER INFORMATION: /function= "Intron 3"
; FEATURE:
; NAME/KEY: exon
; LOCATION: 1935..2081
; OTHER INFORMATION: /product= "Exon 4"
; FEATURE:
; NAME/KEY: intron
; LOCATION: 2082..3046
; OTHER INFORMATION: /function= "Intron 4"
; FEATURE:
; NAME/KEY: exon
; LOCATION: 3047..3180
; OTHER INFORMATION: /product= "Exon 5"
; FEATURE:
; NAME/KEY: intron
; LOCATION: 3181..3390
; OTHER INFORMATION: /function= "Intron 5"
; FEATURE:
; NAME/KEY: exon
; LOCATION: 3391..3563
; OTHER INFORMATION: /product= "Exon 6"
; FEATURE:
; NAME/KEY: intron
; LOCATION: 3564..4116
; OTHER INFORMATION: /function= "Intron 6"
; FEATURE:
; NAME/KEY: exon
; LOCATION: 4117..4354
; OTHER INFORMATION: /product= "Exon 7"
; FEATURE:
; NAME/KEY: intron
; LOCATION: 4355..5227
; OTHER INFORMATION: /function= "Intron 7"
; FEATURE:
; NAME/KEY: exon
; LOCATION: 5228..5452
; OTHER INFORMATION: /product= "Exon 8"
; FEATURE:
; NAME/KEY: intron

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LOCATION: 5453..5852
OTHER INFORMATION: /function= "Intron 8"
FEATURE:
NAME/KEY: exon
LOCATION: 5853..6016
OTHER INFORMATION: /product= "Exon 9"
FEATURE:
NAME/KEY: intron
LOCATION: 6017..6385
OTHER INFORMATION: /function= "Intron 9"
FEATURE:
NAME/KEY: exon
LOCATION: 6386..6502
OTHER INFORMATION: /product= "Exon 10"
FEATURE:
NAME/KEY: intron
LOCATION: 6503..6596
OTHER INFORMATION: /function= "Intron 10"
FEATURE:
NAME/KEY: exon
LOCATION: 6597..7245
US-07-841-652-1

Query Match 100.0%; Score 9; DB 1; Length 7620;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 tctgagtca 9
|||||

Db 2960 TCTGAGTCA 2952

RESULT 9
US-07-794-399A-9/c
Sequence 9, Application US/07794399A
Patent No. 5270184
GENERAL INFORMATION:
APPLICANT: Walker, George T
APPLICANT: Nadeau, James G
APPLICANT: Little, Michael C
TITLE OF INVENTION: Nucleic Acid Target Generation
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Richard J. Rodrick
STREET: 1 Becton Drive
CITY: Franklin Lakes
STATE: New Jersey
COUNTRY: USA
ZIP: 07417-1880
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/794,399A
FILING DATE: 19911118
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Stierwalt, Brian K
REGISTRATION NUMBER: 33,213
REFERENCE/DOCKET NUMBER: P-2304
TELEPHONE: 201-847-5317
TELEFAX: 201-847-9228
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 43 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-794-399A-9

Query Match 100.0%; Score 9; DB 1; Length 43;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 tctgagtca 9
|||||

Db 29 TCTGAGTCA 21

RESULT 10
US-07-912-015-1
Sequence 1, Application US/07912015
Patent No. 5283191
GENERAL INFORMATION:
APPLICANT: Morgan, Robin Wilson
APPLICANT: Willemse, Martha Jacoba
APPLICANT: Claessens, Johannes Antonius Joseph
APPLICANT: Sondermeijer, Paulus Jacobus Antonius
TITLE OF INVENTION: Marek's Disease Virus vaccine
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Organon Teknika Corporation
ADDRESSEE: Biotechnology Research Institute
STREET: 1330-A Piccard Drive
CITY: Rockville
STATE: Maryland
COUNTRY: U.S.A.
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/912,015
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/615,211
FILING DATE: 16-NOV-1990
ATTORNEY/AGENT INFORMATION:
NAME: Donna Bobrowicz
REGISTRATION NUMBER: 32,196
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301)258-5200
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2015 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: Marek's disease herpesvirus
STRAIN: GA
FEATURE:
NAME/KEY: CDS
LOCATION: 14..2005
OTHER INFORMATION: /label= pMD18
US-07-912-015-1

Query Match 100.0%; Score 9; DB 1; Length 2015;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 tctgagtca 9
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Db 1546 TCTGAGTCA 1554

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RESULT 11
US-07-807-043B-9
; Sequence 9, Application US/07807043B
; Patent No. 5342774
; GENERAL INFORMATION:
; APPLICANT: Boon, Thierry, Van den Eynde, Beno t
; TITLE OF INVENTION: Tumor Rejection Antigen Precursors, Tumor
; TITLE OF INVENTION: Rejection Antigens and Uses Thereof
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
; COMPUTER: IBM
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/807,043B
; FILING DATE: 19911212
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/764,364
; FILING DATE: 23-SEPTEMBER-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/728,838
; FILING DATE: 9-JULY-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/705,702
; FILING DATE: 23-May-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Hanson, No. 5342774man D.
; REGISTRATION NUMBER: 30,946
; REFERENCE/DOCKET NUMBER: LUD 253.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4157 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: singular
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; FEATURE:
; NAME/KEY: MAGE-2 gene
US-07-807-043B-9

Query Match 100.0%; Score 9; DB 1; Length 4157;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 tctgagtca 9
Db 2178 TCTGAGTCA 2186

RESULT 12
US-07-829-954-1/c
; Sequence 1, Application US/07829954
; Patent No. 5344819
; GENERAL INFORMATION:
; APPLICANT: HAMMOND, Geoffrey L.
; TITLE OF INVENTION: Pharmaceutical Composition For Use In
; TITLE OF INVENTION: Treating Inflammation
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500

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; CITY: Washington, D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/829,954
; FILING DATE: 19920203
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/664,114
; FILING DATE: 04-MAR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/204,356
; FILING DATE: 09-JUN-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/653,736
; FILING DATE: 11-FEB-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/204,400
; FILING DATE: 09-JUN-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 16777/160
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1423 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 36..1253
; FEATURE:
; NAME/KEY: sig_peptide
; LOCATION: 36..101
; FEATURE:
; NAME/KEY: mat_peptide
; LOCATION: 102..1253
US-07-829-954-1

Query Match 100.0%; Score 9; DB 1; Length 1423;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 tctgagtca 9
Db 775 TCTGAGTCA 767

RESULT 13
US-07-912-011-1
; Sequence 1, Application US/07912011
; Patent No. 5382510
; GENERAL INFORMATION:
; APPLICANT: Levine, Arnold J.
; APPLICANT: Shenk, Thomas E.
; APPLICANT: Finlay, Cathy A.
; TITLE OF INVENTION: Probes for Detecting Mutant p53
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Imclone Systems Incorporated
; STREET: 180 Varick Street
; CITY: New York

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; STATE: New York
; COUNTRY: USA
; ZIP: 10014
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/912,011
; FILING DATE: 10-JUL-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Feit, Irving N.
; REGISTRATION NUMBER: 28,601
; REFERENCE/DOCKET NUMBER: LEV-1-C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-645-1405
; TELEFAX: 212-645-2054
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1317 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-07-912-011-1

Query Match 100.0%; Score 9; DB 1; Length 1317;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 tctgagtcga 9
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Db 174 TCTGAGTCA 182

RESULT 14
US-07-912-011-1/c
; Sequence 1, Application US/07912011
; Patent No. 5382510
; GENERAL INFORMATION:
; APPLICANT: Levine, Arnold J.
; APPLICANT: Shenk, Thomas E.
; APPLICANT: Finlay, Cathy A.
; TITLE OF INVENTION: Probes for Detecting Mutant p53
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ImClone Systems Incorporated
; STREET: 180 Varlick Street
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10014
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/912,011
; FILING DATE: 10-JUL-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Feit, Irving N.
; REGISTRATION NUMBER: 28,601
; REFERENCE/DOCKET NUMBER: LEV-1-C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-645-1405
; TELEFAX: 212-645-2054
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 1317 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-07-912-011-1

Query Match 100.0%; Score 9; DB 1; Length 1317;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 tctgagtcga 9
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Db 1313 TCTGAGTCA 1305

RESULT 15
US-07-872-644-5
; Sequence 5, Application US/07872644
; Patent No. 5389527
; GENERAL INFORMATION:
; APPLICANT: Beavo, Joseph A.
; APPLICANT: Bentley, Kelley
; APPLICANT: Charbonneau, Harry
; APPLICANT: Sonnenburg, William K.
; TITLE OF INVENTION: DNA Encoding Mammalian
; TITLE OF INVENTION: Phosphodiesterases
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &
; ADDRESSEE: Bicknell
; STREET: Two First National Plaza, 20 South Clark
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/872,644
; FILING DATE: 19920420
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/688,356
; FILING DATE: 04-APR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5389527and, Greta E.
; REGISTRATION NUMBER: 35,302
; REFERENCE/DOCKET NUMBER: 27866/30822
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 346-5750
; TELEFAX: (312) 984-9740
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2291 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 100..1689
US-07-872-644-5

Query Match 100.0%; Score 9; DB 1; Length 2291;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 tctgagtca 9

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Db 2011 TCTGAGTCA 2019

Search completed: June 24, 1999, 00:37:58
Job time: 895 sec

